

2/2 - (C) PAJ / JPO
PN - JP1225674 A 19890908
AP - JP19880053353 19880307
PA - SUMITOMO METAL IND LTD
IN - IKISHIMA KENJI; others: 02
I - C09D3/78 ; C09J5/02
TI - SURFACE MODIFICATION OF STEEL SHEET COATED WITH FLUOROCARBON RESIN
AB - PURPOSE: To obtain a coated steel sheet excellent in adhesiveness to a silicone caulking compound without priming, by coating a steel with a fluorocarbon resin coating, stoving this coating and irradiating the coated surface with an actinic radiation.
- CONSTITUTION: A steel sheet is coated with a fluorocarbon coating, and this coating is stoved. The coated surface is irradiated with an actinic radiation. Said actinic radiation means a radiation which can excite and activate a fluorocarbon coating and includes ultraviolet rays, electron beams or the like. Since this surface modification process comprises irradiating a surface coated with a fluorocarbon coating with ultraviolet rays or the like, the molecules on the coated surface are excited by the energy of ultraviolet rays or the like to generate polar groups. The presence of these polar groups can increase the adhesive force of the coated surface to a caulking compound.
GR - C662
- 013549
ABD - 19891207